



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD

CHICAGO, IL 60604-3590

MAR 21 2018

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Tim Clark
President and CEO
Decorative Panels International, Inc.
416 Ford Avenue
Alpena, MI 49707

Re: Finding of Violation
Decorative Panels International, Inc.
Alpena, Michigan

Dear Mr. Clark:

The U.S. Environmental Protection Agency is issuing the enclosed Finding of Violation (FOV) to Decorative Panels International, Inc. ("DPI" or "you") under Section 113(a) of the Clean Air Act, 42 U.S.C. § 7413(a). We find that you have violated Sections 112 and 502 of the Clean Air Act (CAA), 42 U.S.C. §§ 7412 and 7661(a) at your Alpena, Michigan facility.

Section 113 of the Clean Air Act gives us several enforcement options. These options include issuing an administrative compliance order, issuing an administrative penalty order and bringing a judicial civil or criminal action.

We are offering you an opportunity to confer with us about the violations alleged in the FOV. The conference will give you an opportunity to present information on the specific findings of violation, any efforts you have taken to comply and the steps you will take to prevent future violations. In addition, in order to make the conference more productive, we encourage you to submit to us information responsive to the FOV prior to the conference date.

Please plan for your facility's technical and management personnel to attend the conference to discuss compliance measures and commitments. You may have an attorney represent you at this conference.

The EPA contact in this matter is Natalie Topinka. You may contact her at (312) 886-3853 or topinka.natalie@epa.gov to request a conference. You should make the request within 10 calendar days following receipt of this letter. We should hold any conference within 30 calendar days following receipt of this letter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Edward Nam', with a stylized, flowing script.

Edward Nam
Director
Air and Radiation Division

Enclosure: SBREFA fact sheet

cc: Tom Hess, MDEQ
Shane Nixon, MDEQ

1. On July 30, 2004, EPA promulgated the NESHAP for Plywood and Composite Wood Products (PCWP) at 40 C.F.R. Part 63, Subpart DDDD (69 Fed. Reg. 45983).
2. The NESHAP for PCWP applies to PCWP manufacturing facilities that manufacture hardboard and that are major sources of Hazardous Air Pollutants (HAP). 40 C.F.R. § 63.2231.
3. The NESHAP for PCWP, at 40 C.F.R. § 63.2232, applies to each new, reconstructed, or existing affected source at a PCWP manufacturing facility.
4. The NESHAP, at 40 C.F.R. § 63.2240(b), requires owners of an existing affected PCWP manufacturing facility that uses an emission control system to demonstrate that the resulting emissions meet the compliance options and operating requirements in Tables 1B and 2 to Subpart DDDD.
5. The NESHAP, at 40 C.F.R. Part 63, Subpart DDDD, Table 1B, requires that for each process unit with an add-on control system the owner or operator must comply with one of the following six compliance options:
 - (1) Reduce emissions of total HAP, measured as total hydrocarbon (THC) (as carbon), by 90 percent; or
 - (2) Limit emissions of total HAP, measured as THC (as carbon), to 20 parts per million volume dry (ppmvd); or

- (3) Reduce methanol emissions by 90 percent; or
 - (4) Limit methanol emissions to less than or equal to 1 ppmvd if uncontrolled methanol emissions entering the control device are greater than or equal to 10 ppmvd; or
 - (5) Reduce formaldehyde emissions by 90 percent; or
 - (6) Limit formaldehyde emissions to less than or equal to 1 ppmvd if uncontrolled formaldehyde emissions entering the control device are greater than or equal to 10 ppmvd.
6. The NESHAP, at 40 C.F.R. § 63.2271(a) and Part 63, Subpart DDDD, Table 7, requires that for each process using a biofilter, the owner or operator must demonstrate continuous compliance with the compliance options and operating requirements of Table 1B to Subpart DDDD by conducting a repeat performance test using the applicable method(s) specified in Table 4 to Subpart DDDD within 2 years following the previous performance test.
 7. Title V of the CAA, 42 U.S.C. §§ 7661a-7661f, establishes an operating permit program for certain sources, including "major sources." Pursuant to Section 502(b) of the CAA, 42 U.S.C. § 7661a(b), on July 21, 1992, EPA promulgated regulations establishing the minimum elements of a permit program to be administered by any air pollution control agency. 57 Fed. Reg. 32295. These regulations are codified at 40 C.F.R. Part 70.
 8. Section 502(a) of the CAA, 42 U.S.C. § 7661a(a), states that, after the effective date of any permit program approved or promulgated under Title V of the CAA, no source subject to Title V may operate the source except in compliance with its Title V permit.
 9. 40 C.F.R. § 70.7(b) states that, no source subject to Title V may operate the source except in compliance with a Title V permit.
 10. EPA granted full approval to the Michigan Title V operating permit program on December 4, 2001. 66 Fed. Reg. 62949. The program became effective on November 30, 2001.
 11. On December 21, 2015, the Michigan Department of Natural Resources and Environment, now known as the Michigan Department of Environmental Quality (MDEQ), Air Quality Division (AQD) issued to DPI the Renewable Operating Permit (ROP) MI-ROP-B1476-2015a. This permit was revised on April 6, 2016, and is effective until December 21, 2020.
 12. Permit MI-ROP-B1476-2015a states that DPI's No. 1 Board press, cooler, and associated equipment controlled by the No. 1 Biofilter, identified as Emission Unit ID EUPRESS2S, are subject to the requirements of 40 C.F.R. Part 63, Subpart DDDD.

13. Permit MI-ROP-B1476-2015a, Flexible Group Conditions for FGPRESESSES, I.1 (Emission Limit(s)), requires DPI to meet one of the following for the emission unit EUPRESS2S:
 - a. 90% HAP reduction, measured as total hydrocarbons
 - b. 20 ppmvd, measured as THC
 - c. 90% reduction in methanol emissions
 - d. 90% reduction in formaldehyde emissions
 - e. Methanol: 1 ppmvd (if methanol entering control device is greater than 10 ppmvd)
 - f. Formaldehyde: 1 ppmvd (if formaldehyde entering control device is greater than 10 ppmvd)

Factual Background

14. At all times relevant to this notice, DPI owned and operated a plywood and composite wood products manufacturing facility at 416 Ford Avenue, Alpena, Michigan (Alpena facility).
15. At all times relevant to this notice, DPI manufactured hardboard at its Alpena facility.
16. DPI's manufacturing facility is an emission source subject to the requirements of the CAA, including 40 C.F.R. Part 63, Subpart DDDD.
17. DPI's Alpena facility is located at a major source of HAP emissions as set forth at 40 C.F.R. § 63.2231.
18. At all times relevant to this notice, DPI owned and operated a reconstituted wood product press, known as the No. 1 Press at its Alpena facility.
19. The No. 1 Press, cooler, and associated equipment are identified in Permit MI-ROP-B1476-2015a as Emission Unit EUPRESS2S. Emissions from EUPRESS2S are controlled by the No. 1 Biofilter.
20. DPI's No. 1 Press is an affected source according to § 63.2232(b).
21. On September 13, 2017, DPI conducted a performance test on its No. 1 Biofilter at the Alpena facility.
22. DPI conducted a repeat performance test on its No. 1 Biofilter on October 12, 2017.
23. DPI provided results of the September 13, 2017 and October 12, 2017 tests to EPA on November 1, 2017.
24. The results of the September 13, 2017 test are shown in the table below.

Table 3-2
No. 1 Biofilter Formaldehyde, Methanol, and THC Results

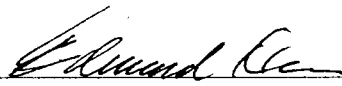
Parameter	Unit	Run 1	Run 2	Run 3	Average
Formaldehyde inlet concentration	ppmvw	22.6	24.1	21.7	22.8
Formaldehyde inlet emission rate	lb/hr	6.3	6.7	6.1	6.3
Formaldehyde outlet concentration	ppmvw	2.6	3.8	3.0	3.2
Formaldehyde outlet emission rate	lb/hr	0.89	1.26	1.00	1.05
Formaldehyde removal efficiency	%	86	81	84	84
Methanol inlet concentration	ppmvw	45.3	46.3	43.0	44.9
Methanol inlet emission rate	lb/hr	13.4	13.7	12.9	13.3
Methanol outlet concentration	ppmvw	21.0	26.9	17.0	21.6
Methanol outlet emission rate	lb/hr	7.6	9.5	6.0	7.7
Methanol removal efficiency	%	43	31	54	43
THC inlet concentration as carbon	ppmvw	393.4	390.7	390.4	391.5
THC inlet emission rate as carbon	lb/hr	43.5	43.5	43.7	43.6
THC outlet concentration as carbon	ppmvw	64.8	76.6	61.9	67.7
THC outlet emission rate as carbon	lb/hr	8.8	10.1	8.1	9.0
THC removal efficiency as carbon	%	80	77	81	79

25. The results of the September 13, 2017 test above do not demonstrate compliance with any of the six compliance options required by Table 1B to Subpart DDDD and DPI's ROP.
26. The results of the October 12, 2017 test demonstrated that DPI had achieved compliance at its No.1 Biofilter.
27. MDEQ issued to DPI a Violation Notice (VN) on December 6, 2017, citing a failure to comply with the conditions of DPI's ROP number MI-ROP-B4176-2015, which require DPI to demonstrate compliance with one of the six compliance options established in 40 CFR Part 63, Subpart DDDD, Table 1B during testing on September 13, 2017 at the No. 1 Biofilter.
28. In a letter dated February 7, 2018, MDEQ shared DPI's response to the VN with EPA Region 5 and stated that because EPA has not delegated Subpart DDDD to the state of Michigan, "...the USEPA remains the lead on this matter."

Violations

29. By failing to demonstrate compliance with at least one of the six compliance options of Table 1B to Subpart DDDD at its No. 1 Press, DPI violated 40 C.F.R. § 63.2240(b) and Permit MI-ROP-B1476-2015a, Flexible Group Conditions for FG PRESSES, I.1 (Emission Limit(s)).

3/21/18
Date


Edward Nam
Director
Air and Radiation Division

CERTIFICATE OF MAILING

I certify that I sent a Finding of Violation, No. EPA-5-18-MI-04, by Certified Mail, Return Receipt Requested, to:


Tim Clark
President and CEO
Decorative Panels International, Inc.
416 Ford Avenue
Alpena, MI 49707

I also certify that I sent copies of the Finding of Violation by e-mail to:

Tom Hess, MDEQ
hesst@michigan.gov

Shane Nixon, MDEQ
nixons@michigan.gov

On the 23rd day of March 2018


for Kathy Jones
Program Technician
AECAB, PAS

CERTIFIED MAIL RECEIPT NUMBER: 20150640000459655946